

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-4 (canceled).

Claim 5 (new): A piezoelectric electroacoustic transducer comprising:
a piezoelectric diaphragm that is supplied with a periodic signal across electrodes thereof to bend and vibrate in a thickness direction;
a casing including supports on an inner portion thereof to support four corners of a bottom surface of the piezoelectric diaphragm;
terminals fixed to the casing, each having an inner connection portion exposed near the supports;
a first elastic adhesive disposed between a periphery of the piezoelectric diaphragm and the inner connection portions of the terminals to secure the piezoelectric diaphragm to the casing;
a conductive adhesive disposed between the electrodes of the piezoelectric diaphragm and the inner connection portions of the terminals across a top surface of the first elastic adhesive to electrically connect the electrodes of the piezoelectric diaphragm to the inner connection portions of the terminals;
a second elastic adhesive filling and sealing a gap between the periphery of the piezoelectric diaphragm and the inner portion of the casing; and
an overamplitude-preventing receiver disposed on the casing to limit an amplitude of vibration of the piezoelectric diaphragm to a predetermined range;
wherein
the overamplitude-preventing receiver is located closer to a center of the piezoelectric diaphragm than to the supports; and

the second elastic adhesive fills a gap between the bottom surface of the piezoelectric diaphragm and a top surface of the overamplitude-preventing receiver.

Claim 6 (new): The piezoelectric electroacoustic transducer according to Claim 5, wherein a distance between the bottom surface of the piezoelectric diaphragm and the top surface of the overamplitude-preventing receiver is about 0.01 mm to about 0.2 mm.

Claim 7 (new): The piezoelectric electroacoustic transducer according to Claim 5, wherein the first elastic adhesive has a Young's modulus of about 500×10^6 Pa or less after being cured and the second elastic adhesive has a Young's modulus of about 30×10^6 Pa or less after being cured.

Claim 8 (new): The piezoelectric electroacoustic transducer according to Claim 5, wherein the first elastic adhesive is a urethane adhesive, and the second elastic adhesive is a silicone adhesive.

Claim 9 (new): The piezoelectric electroacoustic transducer according to Claim 5, wherein the piezoelectric diaphragm includes two piezoelectric ceramic layers, and the electrodes include an inner electrode disposed between the two piezoelectric ceramic layers, an outer electrodes disposed on top and bottoms surfaces of the piezoelectric diaphragm.

Claim 10 (new): The piezoelectric electroacoustic transducer according to Claim 9, wherein the outer electrodes are disposed substantially over the entire top and bottom surfaces of the piezoelectric diaphragm.

Claim 11 (new): The piezoelectric electroacoustic transducer according to Claim 5, wherein the casing is made of a heat-resistant resin.

Claim 12 (new): The piezoelectric electroacoustic transducer according to Claim 11, wherein the heat-resistant resin is selected from the group consisting of liquid crystal polymer, syndiotactic polystyrene, polyphenylene sulfide and epoxy.

Claim 13 (new): The piezoelectric electroacoustic transducer according to Claim 5, wherein the supports of the casing support only the four corners of the bottom surface of the piezoelectric diaphragm.

Claim 14 (new): The piezoelectric electroacoustic transducer according to Claim 5, wherein the casing further includes adhesive-receiving steps disposed at a height below the supports of the casing to receive the first elastic adhesive.

Claim 15 (new): The piezoelectric electroacoustic transducer according to Claim 5, wherein the conductive adhesive has a Young's modulus of about 0.3×10^9 after curing.

Claim 16 (new): The piezoelectric electroacoustic transducer according to Claim 5, wherein the casing includes grooves disposed around a periphery of the inner portion of the casing to receive the second elastic adhesive.

Claim 17 (new): The piezoelectric electroacoustic transducer according to Claim 16, wherein the casing includes tapered protrusions on inner surfaces of each sidewall of the casing.